Intelligent New Energy Heavy-Duty Trucks Innovator

An Intelligent New Energy Heavy Truck Pioneer with Technology-Driven Forward Design, Ranked among Top Global Sellers

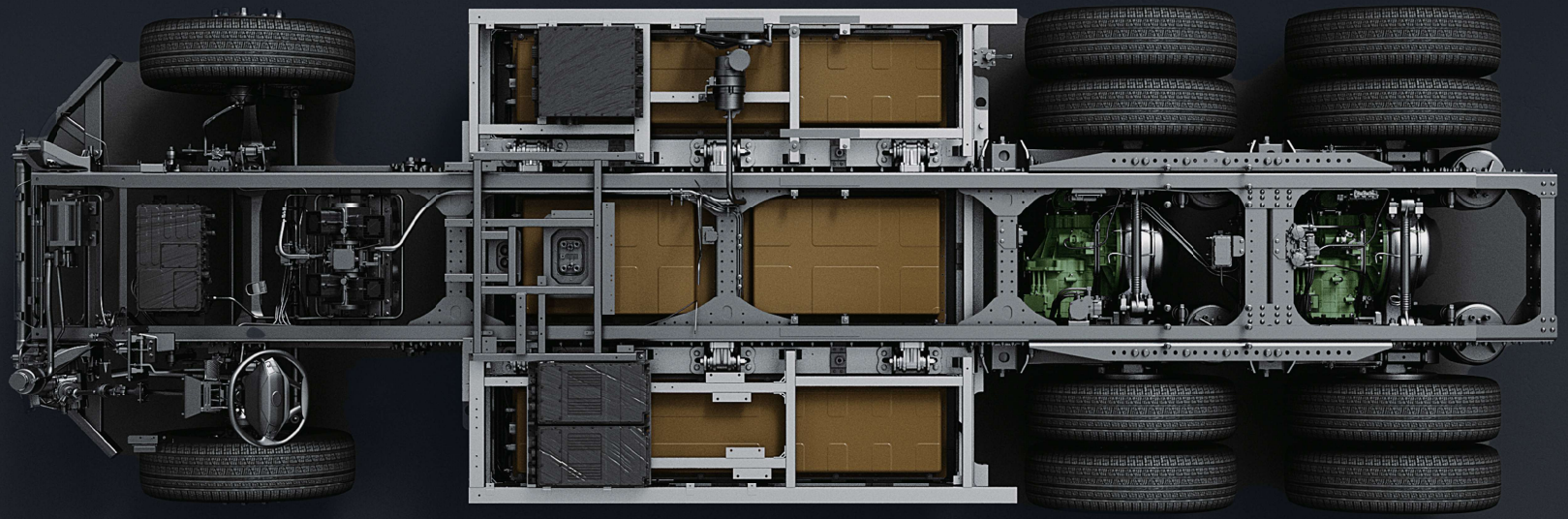
Industry-Cutting-Edge Integrated Chassis Design

Chassis Wire Control System

- High Precision, Fast Response, Human-Vehicle Decoupling
- Supports Advanced Intelligent Driving

Battery Bottom Layout

- Lower Failure Rate
- Low CG Chassis, Excellent Stability
- Super High-Power Layout



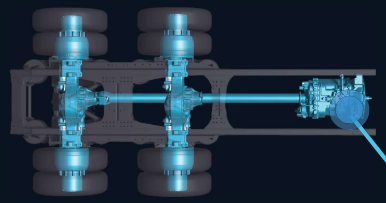
China's First ["Drive-by-Wire Chassis"] + ["Electric Drive Axle"]

Transmission Eff. Up 14%, Cargo Cap. Up 9.6%

- Drive Form Diagram -

- Cargo Distribution Diagram -

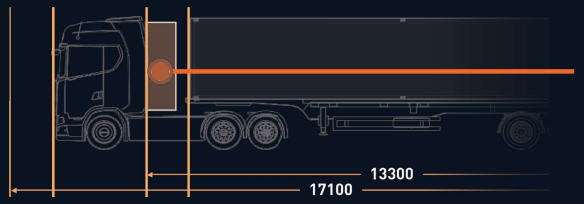
Oil-To-Electric Heavy Truck



Trans. – Drive -Shaft - Diff.

Indirect Wheel Drive

Energy Conv.: Max. 80%

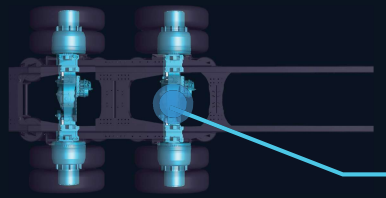


Rear Cab Battery

Occupies Cargo Space,

Limits Turning Angle

DeepWay



Battery to Motor

Direct Wheel Drive

Max. Energy Conv.: 94%

Bottom-Mounted Battery,

Increase Cargo Space

Utilization

Trans. Eff.: ↑ **14%**

Cargo Space Utilization Rate: ↑ **9.6%**

Power Distribution System

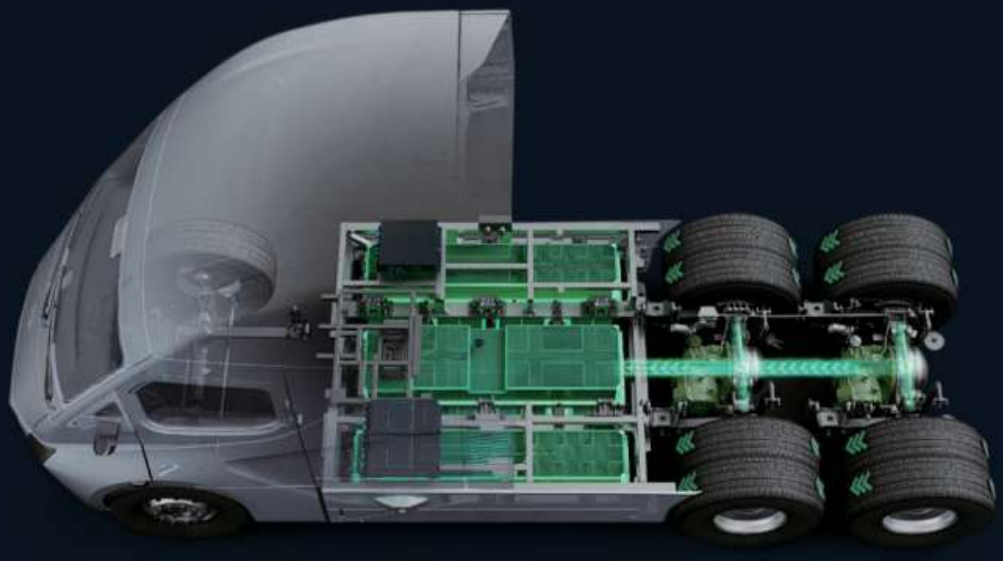
· Sufficient power output: Dual-motor drive, ultra-high horsepower, delivers instant power for diverse scenarios

· Intelligent power distribution: Intelligent torque distribution adjusts front/rear power ratio instantly (0-100%)

· Rapid acceleration capability: Full load (49 tons): 0-80 km/h in just 37 seconds

Energy Recovery System

- 100% braking energy recovery, enhancing efficiency
- Replaces hydraulic retarder, achieve 20% overall energy saving
- Convenient 5-gear control, suitable for various slopes and traffic
- Prevents brake overheating, ensuring safer long downhill driving

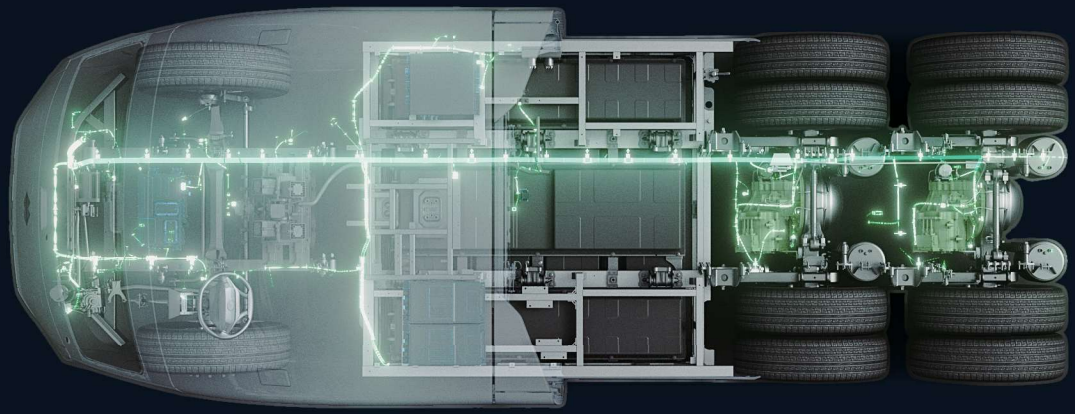


Thermal Management System

- Self-developed thermal management system keeps battery temp within ±3℃
- Cab-battery system with dual-compressor, dual-core control for precise temp regulation
- Motor heat recovery boosts temp control efficiency
- Extends system life by 10%, battery life by 2-3 years

EE Architecture

- High-computing control platforms
- Enhanced communication speed enables faster, more precise, and safer vehicle responsiveness



[Ultra-Low Wind Resistance 0.35] + [Lightweight] Design

Same Cab Volume, 40% Lower Drag Coefficient, 300kg Lighter Body

· Thermoformed A-pillar for enhanced strength

· Aluminum alloy doors & front engine hood panel

· Semi-solid cast aluminum for vehicle body mounting

· Application of interstitial-free (IF) steel, dual-phase steel, and various high-strength steels

Top-Tier Cockpit Technology for a Luxurious, Comfortable Experience

- Equipped with CMS & panoramic camera for broader view
- Larger A-pillar angle for wider vision,
- Full LCD instrument panel & full LCD central control screen

* Cockpit may vary by country and region due to different configurations

- Flat-floor cab, 16-way ergonomic seat
- 2m ultra-high space for spacious driving
- 1m extra-wide sleeper for long rests

CATL Powered Battery

High Endurance Range, Supports Sustained High-Power Discharge, and Delivers Robust Power

Equipped with Large-Capacity Lithium Iron Phosphate Battery for Longer Range

- Large battery capacity: Handles most operations without battery life concerns
- Integrated charging & swapping: Supports both methods
- Ultra-fast battery swapping station: 6-minute swaps for long-distance hauling, pioneering bottom swap technology

513kWh | Actual Range ≥ **340** km | Rated load 49T

600kWh | Actual Range ≥ **440** km | Rated load 49T

DEEP THINKING FOR FUTURE WAY

DEEP WAY

Truck Brand Specification

		Reach Deepway
TYPE		6x4
MODEL		XC3R64EHV540
Vehicle	GCW (T)	49t
	GVW (T)	23.5t
	Curb Weight (Tonne)	11.8t
	Length (mm)	7975
	Width (mm)	2550
	Height (mm)	3950/3500
	Wheel Bases (mm)	4550+1350
	Cab	High Roof (Optional Low Roof)
Battery	Battery Brand	CALT
	Battery Type	LFP
	Battery Capacity	600 kwh
	On Board Charging	DC: 320kW
		2-%-80% ≤75min
	Range (km)	≥400
	Energy Supply	500A Dual Charging Plug DC Fast Charger
Power & Accessories	Max Speed	90km/h
	Rated Drive Motor	272kW
	Max. Drive Motor Power	540kW
	Rated Torque Output	30000NM
	Max. Torque Output	75000NM
	Horsepower	480HP
	Drive Axle Type	Distributed Driving Axle
Axle	Front Axle Load	7t
	Rear Axle Load	13t

Truck Brand Specification

Suspension	Front	2 Springs
	Rear	Dual single Axle Air Suspension with 2 Air Bags each Axle Type Thrust Rod
Brake System	Front	Disc Brake
	Rear	Drum Brake
	Parking Brake	Electronic Parking System (EPB)
	Electronic Stability Control (ESC)	ZF(WABCO)
	Electronically Controlled Braking System (EBS)	
Streering	Steering Wheel	Multi-function (Intelligent Driving + Multimedia)
	Adjustment Method	Pneumatic adjustment
	Steering Gear	Hydraulic Assistance/ Electro-hydraulic Assistance
Tires	Tires	295/80 R22.5
	Rims	Steel
Panoramic View System		Quadratic View
Monitoring System	Central Control Display	27-inch Full LCD Screen
	Dashboard	12.3-inch Full LCD Screen
	Tire Pressure Monitoring System	Front wheel
	Speaker	4 Speakers
Intelligent Driving System	Warning System	Forward Collision Warning
		Lane Departure Warning (LDW)
		Blind spot monitoring
		Reverse monitoring
		Automatic Emergency Braking
		Adaptive Cruise Control (ACC)

MAXRODA

MAX RODA AUTOMOTIVE

Electric Vehicles

Lithium Energy Storage Systems

Solar PV Systems

Hydrogen Energy Infrastructure

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